

PASSAIC VALLEY SEWERAGE COMMISSIONERS
APPLICATION FOR A SEWER USE PERMIT

SECTION A

INDUSTRIAL 120-1134			
8110	8115	8120	8205
MAY 10 2001			

- 1201
1. Company Name TRIO PLATING CO., INC.
2. Permit Number if applicable: 26200010
3. Location: 61 WILLETT STREET, PASSAIC, NEW JERSEY 07055
PASSAIC, N.J. Zip Code: 07055
4. Mailing Address 61 WILLETT STREET
PASSAIC, NEW JERSEY Zip Code: 07055
5. Person to contact concerning information provided in this application:
Name of Contact Official: MR. HARRY GARDNER
Title: PRESIDENT Phone No. 201 - 856 - 8556
Address 61 WILLETT STREET. PASSAIC, N.J. Zip code 07055
6. Number of Employees - Full Time: 4 Part Time: _____
Number of Work Days Per Year: 250
Number of Shifts Per Day: 1
7. If property is owned indicate block and lot number(s):

Assessed Value: _____ 19 _____
8. If property is rented indicate name and address of owner:
RJS CORORATION, 61 WILLETT ST., PASSAIC, N.J. 07055

Total square feet rented: 11,000
9. List NJPDES Permit Number if applicable, _____ and
Name of receiving Body of Water entered _____

0 • A

37,400 • +
42,348 • +
30,640 • +
41,390 • +
004 151,778 • *

41,788 • +
80,000 • +
20,000 • +
10,000 • +
004 151,788 • *

03-29-2001 12:35pm From-

T-122 P.002/010 F-525

SECTION B

WATER DATA

10. Water Source: (Circle all appropriate answers)

Purchased

☒ Y - N

Well

Y - N

If Y, is it metered

☒ Y - N

River

Y - N

If Y, is it metered

Y - N

11. Name of purchased water supplier: IRJS CORPORATION

List all Account #'s: _____

12. Water Received: From Mo. 1 Yr. 00 Through Mo. 1 Yr. 01

(* Next to a figure means it is estimated).

	<u>PURCHASED</u>	<u>WELL</u>	<u>RIVER</u>	<u>TOTAL</u>
1 st Qtr.	37400			
2 nd Qtr.	42348			
3 rd Qtr.	30640			
4 th Qtr.	41390			

GRAND TOTAL 151,778

Report in gallons

13. Water Use and Disposition (*Next to a figure means it is estimated).

	Gallons Sanitary/Combined Sewer	Discharged Stormwater/River/ Ditch	Gallons Used Other
Sanitary service only	41,788		
Process waste water	80,000		
Cooling water	20,000		
Evaporation			10,000
Contained in the product			
Other (describe)			

GRAND TOTAL 151,788

SECTION B (continued)

14. Process wastewater which is discharged as above is metered as follows:

To the Separate Sanitary Sewer	<u>Y</u> - N
To the Combined Sewer	Y - N
To the Storm Sewer	Y - N
River or Ditch	Y - N

15. Waste hauler information: List all firms and/or independent contractors used to remove process waste or sludge from this facility. N O N E

Contractor	Address	Icc #	Waste type handled

SECTION C**OPERATIONAL CHARACTERISTICS**

16. Discharge of Industrial Waste is continuous ✓
or intermittent _____ each operating day.

If the discharge is intermittent, it occurs between the following hours: _____

17. Brief description of Manufacturing or other activity performed: CHROME
PLATING - COPPER PLATING - POLISHING OF GRAVURE PRINT
CYLINDERS - APPROX 8 UNITS / DAY.

List SIC CODE #: 3471

18. Principal Raw Materials used: CHROMIC ACID
COPPER ANODES
POLISHING STONES

19. Principal Products or Services: CHROME & COPPER PLATING OF GRAVURE
PRINT CYLINDERS FOR THE DECORATIVE TRADE.

03-29-2001 12:36pm From-

T-122 P.003/010 F-525

20. Describe seasonal variations, if significant, giving dates, volumes, rates, hours, etc.

Include variations in product lines which affect waste characteristics: _____

NO SEASONAL VARIATIONS

Does this facility shutdown for vacation(s)? YES If so, is it basically the same time
each year. YES Provide dates usually shutdown JULY 1 - JULY 16**SECTION D****MONITORING**

21. Describe any pretreatment process or effluent monitoring system in use:

Outlet 1 P.H. MONITOR REGULATES USING SODA ASH AND
LIME STONE FOR NORM P.H.Outlet 1 , FILTERS LIMIT SOLID WASTE

Outlet _____

22. Sampling information:

<u>Outlet</u>	<u>Contains Industrial Waste</u>	<u>Sampler Type</u>	<u>Refrigerated</u>
1	✓		YES

SECTION D (continued)

23. Volume Information:

<u>Outlet</u>	<u>Daily Flow</u> <u>(Gallons)</u>	<u>Metered</u> <u>(Y - (N))</u>	<u>Type</u>	<u>Date</u>
1				

24. Frequency of calibration of each flow meter: _____

25. Attach plot plan of the property showing:

- (a) all existing or proposed sewer and drain lines (including outlets to a storm sewer, river or ditch);
- (b) sample point(s); Monitoring or Pretreatment Equipment; Incoming meter(s); Well meter(s); Internal meter (s); Flowmeter(s).
- (c) details of the connection(s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.

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SECTION EANALYSIS OF INDUSTRIAL WASTE

26. Analysis for Industrial Waste must be a proper sample taken for each outlet.

OUTLET NO. 1

Report to the nearest unit: XX. Except where indicated with (1) Example: 15 mg/l			Report to the nearest hundredth: 0.XX Except where indicated Example: 0.36 mg/l		
Code	Parameter	Value	Code	Parameter	Value
0200*	Radioactivity (PL-1)		1097*	Antimony (Sb)	.06 ppm
0500	Total Solids	75 mg/L	1002*	Arsenic (As)	.02 ppm
0505	Volatile Solids	9	1022*	Boron (B)	N.D.
0530	Total Suspended Solids	75 mg/L	1027	Cadmium (Cd)	.01 ppm
0540	Volatile Suspended Solids	9	1034*	Chromium Total (Cr)	.01 ppm
0555	(1)(3) Petroleum Hydrocarbons	18	1042	Copper (Cu)	.04 ppm
0310	Biochemical Oxygen Demand (BOD)	60 mg/L	1045*	Iron (Fe)	.25 ppm
0340	Chemical Oxygen Demand (COD)	505	1051	Lead (Pb)	.15 ppm
			0720*(3)	Cyanide (Cn)	<.01 ppm
0680	Total Organic Carbon (TOC)	525	1900	Mercury (Report to 0.XXX)	N.D.
			1067	Nickel (Ni)	.05 ppm
9000	pH(standard unit range)	6.05/28	1147*	Selenium (Se)	.05 ppm
0610	(1) Ammonia as N	10	1077*	Silver (Ag)	.02 ppm
0550	(1)(3) Total Oil & Grease	31	1102*	Tin (Sn)	.10 ppm
0745*	(1) Sulfide		1092	Zinc (Zn)	.44 ppm
0507*	(1) Ortho Phosphates as P		2730	Phenol	N.D.
0625*	(1) Kjeldahl N as N	26 mg/L	4053*	Pesticides (Report to 0.XXX)	N.D.
9998*	(2)(3) TTO (Report to 0.XXX)		0940*	Chlorides	435 mg/L
			9999*(3)	TTVO (Report to 0.XXX)	

FOOTNOTES: *The other parameters not monitored are not used, stored or discharged in our plant to the best of our knowledge.*

- (1) Report results to the nearest tenth, i.e., 1.6 mg/l.
- (*) Analyze for this if reasonably expected to be present in the discharge unless otherwise exempted.
- (2) See instructions.
- (3) Grab sample required

Rev: 1/87
8/89
7/90
9/94
3/95
11/95
07/98

SECTION E (continued)Samples collected by: CHEMTEST LABORATORIESDate: 4/18/01Sample analyzed by: CHEMTEST LABORATORIESDate: 4/18/01Products being manufactured when sample was collected:
POLISHING OF COPPER CYLINDERS27. Who performs the analyses of the samples for User Charge? CHEMTEST LABORATORIES28. Is the Laboratory certified by NJDEP to conduct all the analyses? Y - N29. Who performs the analyses of the samples for the Pretreatment Parameters? CHEMTEST LABORATORIES

If monitoring has not commenced for Pretreatment, indicate Laboratory you plan to use. If unknown, so state:

30. Is the Laboratory certified by NJDEP to conduct all the required Pretreatment analyses?

Y - N

31. Based upon knowledge of materials and processes used at this facility check the appropriate box that best describes the potential that a Priority Pollutant, listed on Tables 1,2 & 3 is present in your discharge.

03-29-2001 12:37pm From-

T-122 P.005/010 F-525

SECTION F**PRETREATMENT**

32. Industrial Category: 40 C F R 413
Subpart (s): LESS THAN 10,000 GAL/DAY
33. Compliance date(s): DEC. 84
34. Is facility in compliance? YES If not, and if compliance date has passed, explain actions being taken to get into compliance: _____
35. Date Baseline Monitoring Report (BMR) submitted to PVSC: DEC 84
36. Compliance schedule submitted: _____
If yes is facility on schedule? _____ Explain if compliance date will not be met: _____
37. Does this facility come under the Resource Conservation and Recovery Act (RCRA)?
If yes, describe NO
38. Does this facility have a Spill Prevention Control and Countermeasures (SPCC) plan?
If yes, describe NO NE
39. Has this facility even been cited by NJDEP or EPA for a violation of State or Federal Regulations for the nature of its wastewater discharge? Y (N) NO
40. Is this facility under an ISRA Clean up? NO If so, has a plan been approved by NJDEP: _____
- Is there any plan to discharge groundwater?

CERTIFICATION*:

The information contained in this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of signing official: _____

HARRY GARDNER

Print Name

TITLE: _____
PRESIDENT

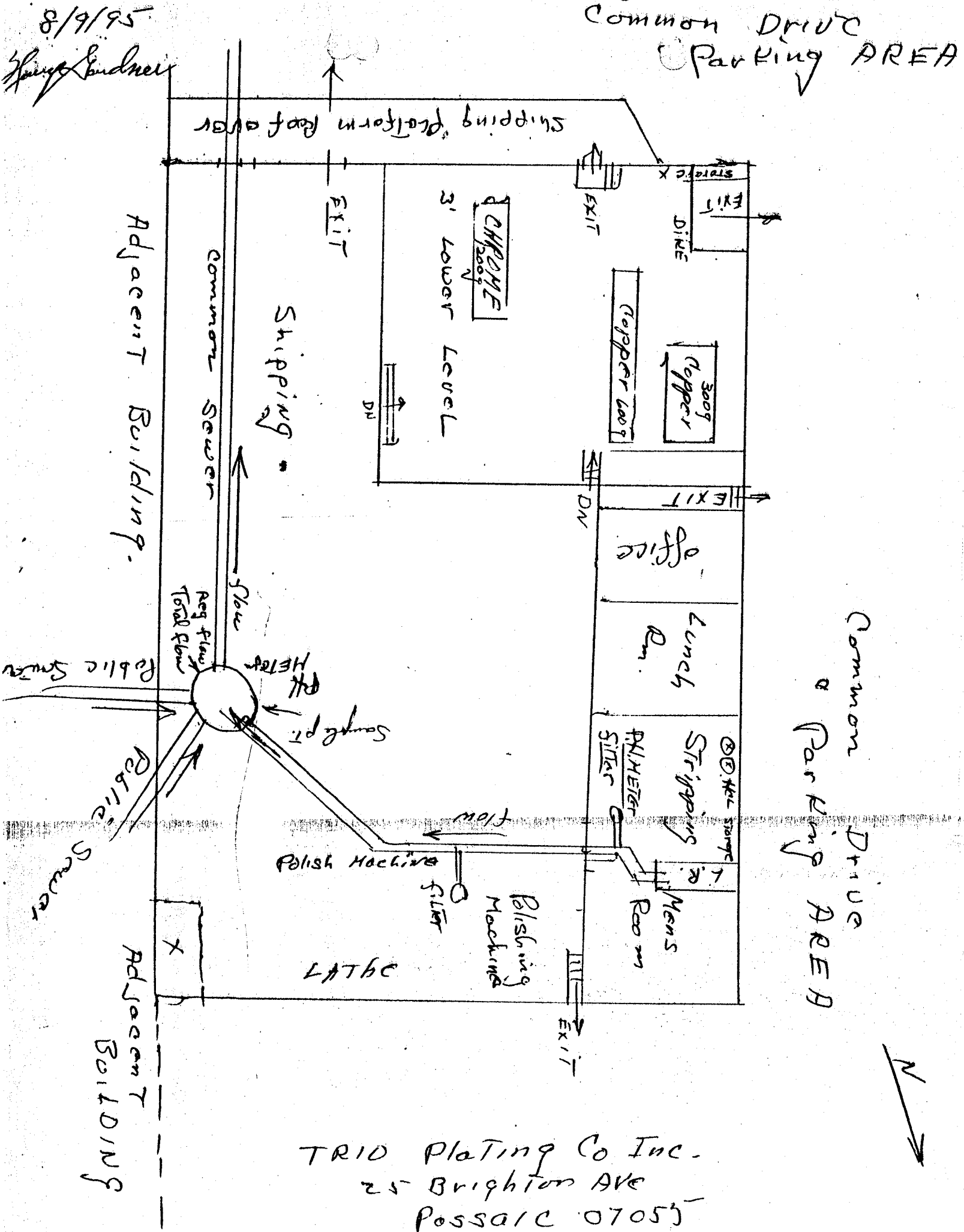
MAY 1, 2001

DATE

Harry Gardner
SIGNATURE

***APPLICATION MUST BE SIGNED BY ONE OF THE FOLLOWING:**

- a. Principal Officer of Corporation
- b. President or Owner of Company
- c. General Partner if a Partnership
- d. Plant Manager or Authorized Representative



03-29-2001 12:38pm From-

T-122 P.006/010 F-525

TABLE 1 EPA PRIORITY POLLUTANTS**CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
Acenaphthene			✓		2,4 dimethylphenol			✓	
acrolein			✓		2,4 dinitrotoluene			✓	
acrylonitrile			✓		2,6 dinitrotoluene			✓	
benzene			✓		1,2 diphenylhydrazine			✓	
benzidine			✓		ethylbenzene			✓	
carbon tetrachloride (tetrachloromethane)			✓		fluoranthene			✓	
chlorobenzene			✓		4-chlorophenyl phenyl ether			✓	
1,2,4-trichlorobenzene			✓		4-bromophenyl phenyl ether			✓	
hexachlorobenzene			✓		bis(2-chloroisopropyl) ether			✓	
1,2 dichloroethane			✓		bis(2-chloroethoxy) methane			✓	
1,1,1 trichloroethane			✓		methylene			✓	
hexachloroethane			✓		chloride(dichloromethane)			✓	
1,1,dichloroethane			✓		methyl chloride			✓	
1,1,2 trichloroethane			✓		(chloromethane)			✓	
1,1,2,2 tetrachloroethane			✓		methyl bromide			✓	
chloroethane			✓		(bromomethane)			✓	
bis(chloromethyl) ether			✓		bromoform(tribromomethane)			✓	
Bis(2 chloroethyl) ether			✓		dichlorobromomethane			✓	
2-chloroethyl vinyl ether mixed			✓		trichlorofluoromethane			✓	
2-chloronaphthalene			✓		dichlorodifluoromethane			✓	
2,4,6, trichlorophenol			✓		chlorodibromomethane			✓	
parachlorometa cresol			✓		hexachlorobutadiene			✓	
Chloroform (trichloromethane)			✓		hexachlorocyclopentadiene			✓	
2 chlorophenol			✓		isophorone			✓	
1,2, dichlorobenzene			✓		naphthalene			✓	
1,3, dichlorobenzene			✓		nitrobenzene			✓	
1,4, dichlorobenzene			✓		2-nitrophenol			✓	
3,3, dichlorobenzidine			✓		4-nitrophenol			✓	
1,1,dichloroethylene			✓		2,4-dinitrophenol			✓	
1,2 trans-dichloroethylene			✓		4,6 dinitro-o cresol			✓	
2,4,dichlorophenol			✓		N-nitrosodimethylamine			✓	
1,2, dichloropropane			✓		N-nitrosodiphenylamine			✓	
1,3, dichloropropylene			✓		N-nitrosodi-n-propylamine			✓	
(1,3 dichlor propene)			✓		pentachlorophenol			✓	
					phenol			✓	

- A. KNOWN TO BE PRESENT
 B. SUSPECTED TO BE PRESENT
 C. KNOWN TO BE ABSENT
 D. SUSPECT TO BE ABSENT

TABLE 1 EPA PRIORITY POLLUTANTS (continued)

CHECK APPROPRIATE BOX

NAME	A	B	C	D		A	B	C	D
bis(2-ethylhexyl) phthalate			✓		endrin			✓	
butylbenzylphthalate			✓		endrin aldehyde			✓	
di-n-butylphthalate			✓		heptachlor			✓	
di-n-octylphthalate			✓		heptachlor (epoxide)			✓	
diethylphthalate			✓		BHC Alpha			✓	
dimethylphthalate			✓		BHC Beta			✓	
benzo(a)anthracene			✓		BHC Gamma			✓	
benzo(a)pyrene			✓		BHC Delta			✓	
3,4 benzofluoranthene			✓		PCB1242			✓	
benzo(k) fluoranthene			✓		PCB1254			✓	
chrysene			✓		PCB1221			✓	
acenaphthylene			✓		PCB1232			✓	
anthracene			✓		PCB1248			✓	
benzo(ghi)perylene			✓		PCB1260			✓	
fluorene			✓		PCB1016			✓	
phenanthrene			✓		toxaphene			✓	
dibenzo (a,h) anthracene			✓		antimony (total)			✓	
indeno (1,2,3-c,d) pyrene			✓		arsenic (total)			✓	
pyrene			✓		asbestos (fibrous)			✓	
tetrachloroethylene			✓		beryllium (total)			✓	
toluene			✓		cadmium (total)			✓	
trichloroethylene			✓		chromium (total)	✓		✓	
vinyl chloride			✓		copper (total)	✓			
aldrin			✓		cyanide (total)		✓		
dieldrin			✓		lead (total)		✓		
chlordan			✓		mercury (total)			✓	
4,4 DDT			✓		nickel (total)			✓	
4,4, DDE			✓		selenium (total)			✓	
4,4, DDD			✓		silver (total)			✓	
endosulfan I			✓		thallium (total)			✓	
endosulfan II			✓		zinc (total)			✓	
endosulfan sulfate			✓		2,3,7,8, tetrachlorodibenzo				
			✓		p-dioxin				

- A. KNOWN TO BE PRESENT
 B. SUSPECTED TO BE PRESENT
 C. KNOWN TO BE ABSENT
 D. SUSPECT TO BE ABSENT

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TABLE 2 NJDEP EXPANDED PRIORITY POLLUTANTS**CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
acrylamide			✓		n,n-dimethyl aniline			✓	
amitrole			✓		3,3-dimethyl benzidine			✓	
amyl alcohols			✓		1,1-dimethylhydrazine			✓	
aniline hydrochloride			✓		dioxane			✓	
anisole			✓		diphenylamine			✓	
auramine			✓		ethylenimine			✓	
benzotrichloride			✓		hydrazine			✓	
benzylamine			✓		4,4-methylene bis			✓	
			✓		(2-chloroaniline)			✓	
o-chloroaniline			✓		4,4-methylenedianiline			✓	
m-chloroaniline			✓		methyl isobutyl ketone			✓	
p-chloroaniline			✓		alpha-naphthylamine			✓	
1-chloro-2-nitrobenzene			✓		beta-naphthylamine			✓	
1-chloro-4-nitrobenzene			✓		n-methylaniline			✓	
chloroprene			✓		1,2-phenylenediamine			✓	
chrysoidine			✓		1,3-phenylenediamine			✓	
cumene			✓		1,4-phenylenediamine			✓	
2,3-dichloroaniline			✓		sudan I (solvent yellow 14)			✓	
2,4-dichloroaniline			✓		thiourea			✓	
2,5-dichloroaniline			✓		toluene sulfonic acids			✓	
3,4-dichloroaniline			✓		toluidines			✓	
3,5-dichloroaniline			✓		xylidines			✓	
1,3-dichloropropene			✓						
1,3-dimethoxybenzidine			✓						

- A. KNOWN TO BE PRESENT
 B. SUSPECTED TO BE PRESENT
 C. KNOWN TO BE ABSENT
 D. SUSPECT TO BE ABSENT

TABLE 3 EPA HAZARDOUS SUBSTANCES**CHECK APPROPRIATE BOX**

NAME	A	B	C	D		A	B	C	D
acetaldehyde			✓		isopropanolamine			✓	
allyl alcohol			✓		kelthane			✓	
allyl chloride			✓		kepone			✓	
amyl acetate			✓		malathion			✓	
aniline			✓		mercaptodimethur			✓	
benzonitrile			✓		methoxychlor			✓	
benzyl chloride			✓		methyl mercaptan			✓	
butyl acetate			✓		methyl methacrylate			✓	
butylamine			✓		methly parathion			✓	
captan			✓		mevinphos			✓	
carbaryl			✓		mexacarbate			✓	
carbofuran			✓		monoethylamine			✓	
carbon disulfide			✓		monomethylamine			✓	
chlorpyrifos			✓		naled			✓	
coumaphos			✓		napthenic acid			✓	
cresol			✓		nitrotoluene			✓	
crotonaldehyde			✓		parathion			✓	
cyclohexane			✓		phenolsulfanate			✓	
2,4-D (2,4-dichlorophenoxy)			✓		phosgene			✓	
acetic acid			✓		propagrite			✓	
diazinon			✓		propylene oxide			✓	
dicamba			✓		pyrethrins			✓	
dichlobenil			✓		quinoline			✓	
dichlone			✓		resorcinol			✓	
2,2-dichloropropionic acid			✓		strontium			✓	
dichlorvos			✓		strychnine			✓	
diethylamine			✓		stryrene			✓	
dimethylamine			✓		2,4,5-T (2,4,5-trichloro- phenoxy acetic acid)			✓	
dinitrobenzene			✓		TDE (tetrachloro- diphenylethane)			✓	
diquat			✓		2,4,5-TP 2(2,4,5- trichlorophenoxy			✓	
disulfoton			✓		trichlorofon			✓	
diuron			✓		triethylamine			✓	
epichlorohvdrin			✓		trimethylamine			✓	
			✓		propanoic acid			✓	

- A. KNOWN TO BE PRESENT
 B. SUSPECTED TO BE PRESENT
 C. KNOWN TO BE ABSENT
 D. SUSPECT TO BE ABSENT

03-29-2001 12:39pm From-

T-122 P.008/010 F-525

TABLE 3 EPA HAZARDOUS SUBSTANCES (continued)**CHECK APPROPRIATE BOX**

<u>NAME</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
ethanolamine			✓		uranium			✓	
ethion			✓		vanadium			✓	
ethylene diamine			✓		vinyl acetate			✓	
ethylene dibromide			✓		xylene			✓	
formaldehyde			✓		xlenol			✓	
furfural			✓		zirconium			✓	
guthion			✓						
isoprene			✓						

- A. KNOWN TO BE PRESENT**
B. SUSPECTED TO BE PRESENT
C. KNOWN TO BE ABSENT
D. SUSPECT TO BE ABSENT

SUPPLEMENTAL SEWER USE PERMIT APPLICATION QUESTIONNAIRE

The following questionnaire must be completed and submitted by all industrial and tax-exempt users making application for a SEWER USE PERMIT. The purpose of this questionnaire is to identify the correct name of the applicant for service of process and the individual to be contacted in the event of an emergency.

SECTION ONE

(To be completed by all applicants)

NAME OF APPLICANT: State the complete name of the organization applying for a SEWER USE PERMIT ("Permit"), as it appears on the certificate of incorporation, charter, by-laws, partnership agreement or other official document which establishes the name of the applicants (if no such document exists, state the name the business uses):

TRIO PLATING COMPANY, INC.

Name of Applicant

TRADE NAME: Identify all trade names and/or fictitious names that the organization will utilize at the location(s) for which this Permit application is made.

Trade Name/Fictitious Name

BUSINESS ORGANIZATION: Please check the appropriate box:

- | | |
|---|--|
| <input type="checkbox"/> Sole proprietorship | <input type="checkbox"/> Trust |
| <input type="checkbox"/> Partnership | <input type="checkbox"/> Joint Venture |
| <input type="checkbox"/> Limited Partnership | <input type="checkbox"/> Non-Profit Corporation |
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Limited Liability Company |
| <input type="checkbox"/> Other (describe) | |
- _____

EMERGENCY CONTACT PERSON: In the event of an emergency, provide the name, address and telephone number of the person(s) the PVSC can contact:

Name: HARRY GARDNER

Street Address: 61 WILLETT ST.

City, State & Zip Code: PASSAIC, N.J. 07055

Business Telephone: 201- 845 - 8556

Emergency Telephone: 201 - 845 - 8556

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T-122 P.009/010 F-525

SECTION TWO

(To be completed only by Corporations and Limited Liability Companies)

REGISTERED AGENT: Identify the name and address of the Corporations's Registered Agent:

Name: _____

Company Name: _____

Street Address: _____

City, State & Zip Code: _____

DATE AND PLACE OF INCORPORATION/FORMATION: Identify the state where the corporation/LLC was organized and the date on which the Certificate of Incorporation/Formation was filed:State: NEW JERSEYDate: 1960**DATE AUTHORIZED IN NEW JERSEY:** If other than a New Jersey corporation/LLC, state the date on which the corporation/LLC received a Certificate of Authority to Transact Business in New Jersey (and attach copy).Date: N/A**SECTION THREE**

(To be completed only by Partnerships or Joint Ventures)

FORM OF PARTNERSHIP: Check One.☐ General partnership☐ Limited Partnership**PARTNERS:** Identify (by name, residence address, business address and daytime telephone number) each partner or joint venture. (attach additional sheets if necessary):

Name: _____

Street Address: _____

City, State & Zip Code: _____

Name: _____

Street Address: _____

City, State & Zip Code: _____

SECTION FOUR

(This section to be completed only if the business concern is organized in a form other than a sole proprietorship, corporation, partnership or joint venture—such as a trust or association)

FORM OF BUSINESS ORGANIZATION: Describe how the business entity is organized and under what legal authority it was established.

CERTIFICATION

(All applicants must sign and date the following certification)

I hereby certify the answers supplied in the foregoing SUPPLEMENTAL SEWER USE PERMIT APPLICATION QUESTIONNAIRE are true. I am aware that if any of the foregoing responses are willfully false, I am subject to punishment,

Dated: _____

5/1/01

Signature _____

Henry LandnerPRES.

Print Title & Position _____

CHEMTEST LABORATORIESSM101 Midland Avenue
Elmwood Park, NJ 07407

TEL: (201) 797-2770

FAX: (201) 797-6960

e-mail CHEMTEST@compuserve.com

Customer:	Mr. Harry Gardner Trio Plating Co., Inc. 61 Willet Street Passaic, NJ. 07055
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Product:	Waste water
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Control No.:	041001
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Date of Report:	April 18 , 2001
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Quantity/Size of Package Units:	(3) x 1.qt. bottles
---------------------------------	---------------------


Method Reference:	Standard Methods for the Examination of Water and Wastewater
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Certificate of Analysis**TEST****RESULT**

PH	6.05 /20°C.
Total suspend solid	75. mg/L.
BOD-5	60. mg/L.
Cyanide, total	less than .01 mg/L. (*)
Cyanide, amenable	less than .01 mg/L.
Sulfide	Not detectable (*)
Phosphate as P	13.5 ppm
Kjeldahl N as N	26. mg/L.
Chlorides	435. mg/L.
Pesticides	Not detectable (*)

Remarks: (*) Method detection limit: Cyanide=.001 mg/L, Sulfide=1. mg/L
Pesticides=See separate report.
N.J. DEP License No. 02700

Chemist


Oscar Kim, PhD

CHEMTEST LABORATORIESSM101 Midland Avenue
Elmwood Park, NJ 07407

TEL:(201)797-2770

FAX:(201)797-6960

e-mail CHEMTEST@compuserve.com

Customer:	Mr. Harry Gardner Trio Plating Co., Inc. 61 Willet Street Passaic, NJ. 07055
Product:	Waste water
Control No.:	041001
Date of Report:	April 18 , 2001
Quantity/Size of Package Units:	(1) x ½ gal. bottles
Method Reference:	Atomic absorption spectrophotometry

Certificate of Analysis**TEST****RESULT**

Cadmium(Cd)	0.01 ppm(*)
Copper(Cu)	0.04 ppm
Lead (Pb)	0.15 ppm
Mercury(Hg)	Not detectable(*)
Nickel(Ni)	0.05 ppm
Zinc (Zn)	0.44 ppm
Antimony(Sb)	0.06 ppm
Arsenic (As)	0.02 ppm(*)
Boron (B)	Not detectable(*)
Chromium(Cr)	0.01 ppm(*)
Iron (Fe)	0.25 ppm
Selenium (Se)	0.05 ppm
Silver (Ag)	0.02 ppm(*)
Tin (Sn)	0.10 ppm

Remarks:(*)Method detection limit: Cd=0.01, Hg=0.05, As=0.02, B=0.05, Cr=0.01, Ag=0.01. ppm.
N.J. DEP License No. 02700

Chemist



Oscar Kim, PhD

CHEMTEST LABORATORIES
PESTICIDE ANALYSIS

CASE NUMBER	5562	MATRIX	aqueous
SAMPLE NUMBER	41001	DILUTION FACTOR	10
DATA FILE	Method-608	DATE EXTRACTED	4/13/01
CLIENT NAME	Trio plating	DATE ANALYZED	4/16/01
FIELD ID	ok	ANALYZED BY	ok

CASE NUMBER	COMPOUND	UG/L	MDL
309-00-2	Aldrin	U	10
319-84-6	alpha-BHC	U	10
319-85-7	beta-BHC	U	10
319-86-7	delta-BHC	U	10
58-89-9	gamma-BHC	U	10
57-74-9	Chlordane	U	5
72-54-8	4,4'-DDD	U	5
72-55-9	4,4'-DDE	U	5
50-29-3	4,4'-DDT	U	5
60-57-1	Dieldrin	U	5
959-98-8	Endosulfan 1	U	10
33212-65-9	Endosulfan 11	U	10
1031-07-8	Endosulfan sulfate	U	10
72-20-8	Endrin	U	5
7421-93-4	Endrin aldehyde	U	5
76-44-8	Heptachlor	U	5
1024-57-3	Heptachlor epoxide	U	10
8001-35-2	Toxaphene	U	5
12674-111-2	PCB-1016	U	5
11104-28-2	PCB-1221	U	5
11141-16-5	PCB-1232	U	5
53469-21-9	PCB-1242	U	5
12672-29-6	PCB-1248	U	5
11097-69-1	PCB-1254	U	5
11096-82-5	PCB-1260	U	5

<u>SURROGATE COMPOUNDS</u>	<u>RECOVERY</u>	<u>LIMITS</u>	<u>STATUS</u>
TCMX	87%	76-114	ok
_____	_____	_____	_____
_____	_____	_____	_____

(B) Indicates compound found in associated blank.
 (U) Indicates compound analyzed for but not detected
 (J) Indicates compound concentration found below MDL

CHEMTEST LABORATORIES CHAIN OF CUSTODY RECORD				
SAMPLER SIGNATURE: <i>Harry Gardner</i>	DATE SHIPPED: April 10, 2001	PAGE: ____ OF ____		
PHONE NO.:	CARRIER: hand delivered	COOLER NO.:		
SHIP TO: Chemtest Laboratories 101 Midland Avenue Elmwood Park, NJ 07407 (201)797-2770	SEND RESULTS TO: Harry Gardner Trio Plating Co. 61 Willet St., Passaic, NJ 07055 845-8555	AIRBILL NO.:		
PROJECT NAME: Waste water	PROJECT NO.: 5582	PO NO.:		
RELINQUISHED BY (SIGNATURE): <i>Harry Gardner</i>	RECEIVED BY (SIGNATURE): <i>Sirf</i>	DATE & TIME: 4/10/01 13:10		
RELINQUISHED BY (SIGNATURE):	RECEIVED BY (SIGNATURE):	DATE & TIME:		
SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	DATE/TIME SAMPLED	ANALYSES REQUESTED	SAMPLE CONDITION
04-10-01 (Grab)	turbid water	4/10/01 13:00	PH, TSS, BOD-5	Satisf
" (Composite)	"		Sulfate, PO4, Fe, Mn, Cl, P, Se, Cd, Cyanide, Total/Amenable	"
" (Grab)	"		Cd, Cu, Pb, Hg, Ni, Zn	"
			Sb, As, B, Cr, Fe, Se, Ag, Sn	"
SPECIAL INSTRUCTIONS/COMMENTS: Sample collected at manhole, East-side, Bldg-15, first floor				
REQUEST: ____ RUSH TURNAROUND TIME (50% SURCHARGE) -X- STANDARD TURNAROUND TIME				

Our waste water comes from the process of electroplating.
The waste water, therefore, does not contain any Total
Toxic Organics(TTO,TTVO), nor heavy metals which are
radioactive .

PASSAIC VALLEY SEWERAGE COMMISSIONERS
APPLICATION FOR A SEWER USE PERMIT

SECTION A

INDUSTRIAL 120-1134			
8110	8115	8120	8205
MAY 10 2001			

1. Company Name TRIO PLATING CO., INC.
2. Permit Number if applicable: 26200010
3. Location: 61 WILLETT STREET, PASSAIC, NEW JERSEY 07055
PASSAIC, N.J. Zip Code: 07055
4. Mailing Address 61 WILLETT STREET
PASSAIC, NEW JERSEY Zip Code: 07055
5. Person to contact concerning information provided in this application:
 Name of Contact Official: MR. HARRY GARDNER
 Title: PRESIDENT Phone No. 201 - 856 - 8556
 Address 61 WILLETT STREET, PASSAIC, N.J. Zip code 07055
6. Number of Employees - Full Time: 4 Part Time: _____
 Number of Work Days Per Year: 250
 Number of Shifts Per Day: 1
7. If property is owned indicate block and lot number(s): _____

Assessed Value: _____

THIS CHECK IS DELIVERED IN CONNECTION WITH THE FOLLOWING ACCOUNT (S)		TRIO PLATING CO., INC.		3028	
DATE	AMOUNT	60 ESSEX STREET	ROCHELLE PARK, NJ 07662	55-2/212	BRANCH 95206
		PAY TO THE ORDER OF <u>PVSC</u>		DATE <u>May 8, 2001</u>	
		<u>THE SUM 750.00</u>		\$ <u>750.00</u>	
		DOLLARS			
		TRIO PLATING CO., INC.			
		FIRST UNION [®] First Union National Bank		AUTHORIZED SIGNATURE	
		Saddle Brook, New Jersey		<u>Harry Gardner</u>	
		R/T 021200025			
FOR #26200010					
⑈003028⑈ ⑆021200025⑆ 2000610050532⑈					

IRENE G. ALMEIDA
CHAIRMAN

JAMES KRONE
VICE CHAIRMAN

DANIEL F. BECHT, ESQ.
FRANK J. CALANDRIELLO
DOMINIC W. CUCCINELLO
PETER A. MURPHY
ANGELINA M. PASERCHIA
THOMAS J. POWELL
DONALD TUCKER
COMMISSIONERS



Passaic Valley
Sewerage Commissioners

600 WILSON AVENUE
NEWARK, N.J. 07105
(973) 344-1800
Fax: (973) 344-2951
www.pvsc.com

ROBERT J. DAVENPORT
EXECUTIVE DIRECTOR

PETER G. SHERIDAN
CHIEF COUNSEL

LOUIS LANZILLO
CLERK

Industrial Fax: (973) 344-4876

RECEIPT FOR
APPLICATION FEE
PERMIT FEE

Received from:

Trio Plating

Address:

61 Willett St. Passaic N.J. 07055

Amount of Payment:

\$750.00

Date of Payment

May 10, 01

Payment Received by:

D. Lee

Signature:

D. Lee

Amount:

750.00

Date:

5/17/01

PASSAIC VALLEY SEWERAGE COMMISSIONERS APPLICATION FOR A SEWER USE PERMIT

SECTION A

TRIO PLATING CO., INC.

INDUSTRIAL 120-1134
RM11
8110 8115 8120 8205
MAY 10 2001

1. Company Name ERIC PLAYING CO., INC.
2. Permit Number if applicable: 26200010
3. Location: 61 WILLETT STREET, PASSAIC, NEW JERSEY 07055
PASSAIC, N.J. Zip Code: 07055
4. Mailing Address 61 WILLETT STREET
PASSAIC, NEW JERSEY Zip Code: 07055
5. Person to contact concerning information provided in this application:
Name of Contact Official: MR. HARRY GARDNER
Title: PRESIDENT Phone No. 201 - 856 - 8556
Address 61 WILLETT STREET. PASSAIC, N.J. Zip code 07055
6. Number of Employees - Full Time: 4 Part Time: _____
Number of Work Days Per Year: 250
Number of Shifts Per Day: 1
7. If property is owned indicate block and lot number(s):

Assessed Value:

THIS CHECK IS DELIVERED IN CONNECTION WITH THE FOLLOWING ACCOUNT (S)	
DATE	AMOUNT

3028

55-2/212
BRANCH 95206

DATE May 8, 2001

TRIO PLATING CO., INC.
60 ESSEX STREET
ROCHELLE PARK, NJ 07662

PAY TO THE ORDER OF PVSC

\$ 750⁰⁰/₁₀₀

THE SUM 750 AND 00/100

First Union National Bank
Saddle Brook, New Jersey
R/T 021200025

DOLLARS

TRIO PLATING CO., INC.

AUTHORIZED SIGNATURE

[Signature]

FOR #262 00010

⑈003028⑈ ⑆021200025⑆ 2000610050532⑈

5/17/01 - spoke with
Harry Gardner + he will
send ~~additional~~
additional samples
in.

Additional
Sampling

TRIO PLATING CO., INC.
61 WILLETT STREET
PASSAIC, NEW JERSEY 07055

TEL: 201 - 473- 3470
FAX: 201 - 845 - 3305

May 25, 2001

Angela Dees
Passaic Valley Sewerage Commissioners
600 Wilson Ave.
Newark, N. J. 07105

Dear Angela Dees,

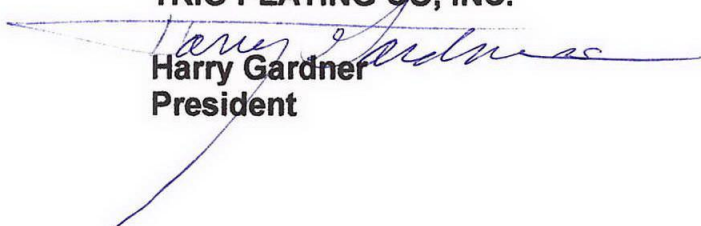
INDUSTRIAL	120-1295		
8110	8115	8120	8205
MAY 31 2001			

REF: PERMIT 26200010

Per your request enclosed please find additional information on
Sewer Use Permit for Trio Plating Co., Inc.

Very truly yours,

TRIO PLATING CO, INC.


Harry Gardner
President

HG:as

Encl:

PASSAIC VALLEY SEWERAGE COMMISSIONERS
APPLICATION FOR A SEWER USE PERMIT

SECTION A

1. Company Name TRIO PLATING CO., INC.
2. Permit Number if applicable: 26200010
3. Location: 61 WILLETT STREET, PASSAIC, NEW JERSEY 07055
PASSAIC, N.J. Zip Code: 07055
4. Mailing Address 61 WILLETT STREET
PASSAIC, NEW JERSEY Zip Code: 07055
5. Person to contact concerning information provided in this application:
Name of Contact Official: MR. HARRY GARDNER
Title: PRESIDENT Phone No. 201 - 856 - 8556
Address 61 WILLETT STREET, PASSAIC, N.J. Zip code 07055
6. Number of Employees - Full Time: 4 Part Time: _____
Number of Work Days Per Year: 250
Number of Shifts Per Day: 1
7. If property is owned indicate block and lot number(s):

Assessed Value: _____ 19 _____
8. If property is rented indicate name and address of owner:
RJS CORPORATION, 61 WILLETT ST., PASSAIC, N.J. 07055

Total square feet rented: 11,000
9. List NJPDES Permit Number if applicable, _____ and
Name of receiving Body of Water entered _____

CHEMTEST LABORATORIES SM

101 Midland Avenue
Elmwood Park, NJ 07407

TEL:(201)797-2770

FAX:(201)797-6960

e-mail CHEMTEST@compuserve.com

<http://ourworld.compuserve.com/homepages/chemtest>

Customer:	Mr. Harry Gardner Trio Plating Co., Inc. 61 Willet Street Passaic, NJ. 07055
-----------	---

Product:	Waste water
----------	-------------

Control No.:	051701
--------------	--------

Date of Report:	May 23, 2001
-----------------	--------------

Quantity/Size of Package Units:	(3) x 1.qt. bottles
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Method Reference:	Standard Methods for the Examination of Water and Wastewater
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Certificate of Analysis**TEST****RESULT**

Volatile solids	9.0 mg/L.
Volatile suspend.solid	9.0 mg/L.
COD	505. mg/L.
TOC	525. mg/L.
Ammonia as N	10.0 mg/L.
Total petr.hydrocarbon	18.0 mg/L.
Total,oil,grease	31.0 mg/L.

Remarks: N.J. DEP License No. 02700

Chemist


Oscar Kim, PhD

03-29-2001 12:38pm From-

T-122 P 004/010 F-525

SECTION EANALYSIS OF INDUSTRIAL WASTE

26. Analysis for Industrial Waste must be a proper sample taken for each outlet.

OUTLET NO. 1

Report to the nearest unit: XX. Except where indicated with (1) Example: 15 mg/l			Report to the nearest hundredth: 0.XX Except where indicated Example: 0.36 mg/l		
Code	Parameter	Value	Code	Parameter	Value
0200*	Radioactivity (PL-1)		1097*	Antimony (Sb)	.06 ppm
0500	Total Solids	75 mg/L	1002*	Arsenic (As)	.02 ppm
0505	Volatile Solids	9.0 mg/L	1022*	Boron (B)	N.D.
0530	Total Suspended Solids	75 mg/L	1027	Cadmium (Cd)	.01 ppm
0540	Volatile Suspended Solids	9.0 mg/L	1034*	Chromium Total (Cr)	.01 ppm
0555	(1)(3) Petroleum Hydrocarbons	18.0 mg/L	1042	Copper (Cu)	.04 ppm
0310	Biochemical Oxygen Demand (BOD)	60 mg/L	1045*	Iron (Fe)	.25 ppm
			1051	Lead (Pb)	.15 ppm
0340	Chemical Oxygen Demand (COD)	505 mg/L	0720*(3)	Cyanide (Cn)	<.01 ppm
			1900	Mercury (Report to 0.XXX)	N.D.
0680	Total Organic Carbon (TOC)	525 mg/L	1067	Nickel (Ni)	.05 ppm
			1147*	Selenium (Se)	.05 ppm
9000	pH(standard unit range)	6.05/28	1077*	Silver (Ag)	.02 ppm
0610	(1) Ammonia as N	10. mg/L	1102*	Tin (Sn)	.10 ppm
0550	(1)(3) Total Oil & Grease	31.0 mg/L	1092	Zinc (Zn)	.44 ppm
0745*	(1) Sulfide		2730	Phenol	N.D.
0507*	(1) Ortho Phosphates as P		4053*	Pesticides (Report to 0.XXX)	N.D.
0625*	(1) Kjeldahl N as N	26 mg/L	0940*	Chlorides	435 mg/L
9998*	(2)(3) TTO (Report to 0.XXX)		9999*(3)	TTVO (Report to 0.XXX)	

FOOTNOTES: *The other parameters not monitored are not used, stored or discharged in our plant to the best of our knowledge.*

- (1) Report results to the nearest tenth, i.e., 1.6 mg/l
 (*) Analyze for this if reasonably expected to be present in the discharge unless otherwise exempted
 (2) See instructions.
 (3) Grab sample required

Rev: 1/87
 8/89
 7/90
 9/94
 3/95
 11/95
 07/98

CHEMTEST LABORATORIES CHAIN OF CUSTODY RECORD			
SAMPLER SIGNATURE: <i>Harry Gardner</i>	DATE SHIPPED: May 17, 2001	PAGE: ___ OF ___	
PHONE NO.:	CARRIER: hand delivered	COOLER NO.:	
SHIP TO: Chemtest Laboratories 101 Midland Avenue Elmwood Park, NJ 07407 (201)797-2770	SEND RESULTS TO: Harry Gardner Trio Plating Co. 61 Willet St., Passaic, NJ 07055 845-8555	AIRBILL NO.:	
PROJECT NAME: Waste water	PROJECT NO.: 5607	PO NO.:	
RELINQUISHED BY (SIGNATURE):	RECEIVED BY (SIGNATURE): <i>Don K.</i>	DATE & TIME: 5/17/01 10:00	
RELINQUISHED BY (SIGNATURE): <i>Harry Gardner</i>	RECEIVED BY (SIGNATURE):	DATE & TIME:	
SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	DATE/TIME SAMPLED	ANALYSES REQUESTED
051701 (Grab)	turbid water	5/17/01 10:00	pH, TSS, BOD-5 VS, VSS, TPH, COD, TOC Cyanide, Total Ammonia Alk, K, Oil, Grease Cd, Cu, Pb, Hg, Ni, Zn
051701 (Composite)	turbid water		
051701 (Grab)			
SPECIAL INSTRUCTIONS/COMMENTS: Sample collected at manhole, East-side, Bldg-15, first floor			
REQUEST: ___ RUSH TURNAROUND TIME (50% SURCHARGE) <input checked="" type="checkbox"/> STANDARD TURNAROUND TIME			